

Notice of Allowability

Application No.	Applicant(s)
10/063,087	LEE ET AL.
Examiner	Art Unit
Wesley A. Nicolas	1742

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to amendment filed 2/2/04.
2. The allowed claim(s) is/are 10-16, 18-20 and 22.
3. The drawings filed on 3/18/02 are accepted by the Examiner.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
(a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 1) hereto or 2) to Paper No./Mail Date _____
(b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of
 Paper No./Mail Date _____.
7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
 Paper No./Mail Date _____
4. Examiner's Comment Regarding Requirement for Deposit
 of Biological Material
5. Notice of Informal Patent Application (PTO-152)
6. Interview Summary (PTO-413),
 Paper No./Mail Date _____
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other _____.

DETAILED ACTION

This is in response to the amendment submitted February 2, 2004. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 10-16, 18-20, and 22 are currently pending in this application.

Election/Restriction

1. Applicant's cancellation of non-elected claims 1-8 and 25-32 has been noted. Applicant may re-file said claims in a divisional application.

Double Patenting

2. The double patenting rejection with respect to claims 1 and 24 has been **withdrawn** in view of Applicant's cancellation of said claims.

Claim Rejections - 35 USC § 102

3. The 35 U.S.C. § 102 rejection of claims 9, 17, 21, 23, and 24 has been **withdrawn** in view of Applicant's cancellation of claims 9, 17, 21, and 23-24.

Allowable Subject Matter

4. Claims 10-16, 18-20, and 22 are allowed over the prior art of record.
5. The following is an examiner's statement of reasons for allowance:

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Regarding claim 10, the specific electrochemical machining method which includes, *inter alia*, preparation of the inner surface comprising performing a finishing process to remove non-conductive residue was not taught or suggested by the prior art of record.

Regarding claims 18 and 22, the specific electrochemical machining method which includes, *inter alia*, specific dimensions of the machining grooves was not taught or suggested by the prior art of record.

Regarding claims 19 and 20, the specific electrochemical machining method which includes, *inter alia*, the specific electrode dimension in relation to the diameter of the cooling passage was not taught or suggested by the prior art of record.

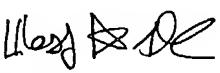
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Wesley Nicolas whose telephone number is (571) 272-1247. The examiner can normally be reached on Mon.-Thurs. from 7 AM to 5 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Roy King, can be reached at (571) 272-1244. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Wesley A. Nicolas
Primary Examiner

February 18, 2004